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Sequence Listing was accepted.

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Reviewer: Durreshwar Anjum

Timestamp: Wed Oct 31 12:23:59 EDT 2007

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Application No: 10724273 Version No: 2.0

Input Set:

Output Set:

Started: 2007-10-15 19:52:39.811
Finished: 2007-10-15 19:52:40.853
Elapsed: 0 hr(s) 0 min(s) 1 sec(s) 42 ms
Total Warnings: 9
Total Errors: 0
No. of SeqIDs Defined: 20
Actual SeqID Count: 20

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SEQUENCE LISTING

<110> Palese, Peter
O'Neill, Robert

<120> IDENTIFICATION AND USE OF ANTIVIRAL COMPOUNDS
THAT INHIBIT INTERACTION OF HOST CELL PROTEINS
AND VIRAL PROTEINS REQUIRED FOR VIRAL REPLICATION

<130> 6923-119

<140> 10724273
<141> 2003-11-24

<150> 08/444,994
<151> 1995-05-19

<150> 08/246,583
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 Pro Gly Lys Glu Asn Phe Arg Leu Lys Ser Tyr Lys Asn Lys Ser Leu
 5 10 15

 aat ccc gat gag atg cgc agg agg agg gag gaa gaa gga ctg cag tta 151
 Asn Pro Asp Glu Met Arg Arg Arg Arg Glu Glu Glu Gly Leu Gln Leu
 20 25 30 35

 cga aag cag aaa aga gaa gag cag tta ttc aag cgg aga aat gtt gct 199
 Arg Lys Gln Lys Arg Glu Glu Gln Leu Phe Lys Arg Arg Asn Val Ala
 40 45 50

 aca gca gaa gaa gaa aca gaa gaa gaa gtt atg tca gat gga ggc ttt 247
 Thr Ala Glu Glu Glu Thr Glu Glu Glu Val Met Ser Asp Gly Gly Phe
 55 60 65

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 His Glu Ala Gln Ile Ser Asn Met Glu Met Ala Pro Gly Gly Val Ile

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85	90	95	
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Leu Ser Ala Thr Gln Lys Phe Arg Lys Leu Leu Ser Lys Glu Pro Asn			
100	105	110	115
cct cct att gat gaa gtt atc agc aca cca gga gta gtg gcc agg ttt			439
Pro Pro Ile Asp Glu Val Ile Ser Thr Pro Gly Val Val Ala Arg Phe			
120	125	130	
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Val Glu Phe Leu Lys Arg Lys Glu Asn Cys Ser Leu Gln Phe Glu Ser			
135	140	145	
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Ser Glu Phe Glu Asp Val Gln Glu Gln Ala Val Trp Ala Leu Gly Asn			
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Ser Pro Pro Pro Glu Phe Ala Lys Val Ser Pro Cys Leu Asn Val Leu			
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Ser Trp Leu Leu Phe Val Ser Asp Thr Asp Val Leu Ala Asp Ala Cys			
260	265	270	275
tgg gcc ctc tca tat cta tca gat gga ccc aat gat aaa att caa gcg			919
Trp Ala Leu Ser Tyr Leu Ser Asp Gly Pro Asn Asp Lys Ile Gln Ala			
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Lys Glu Ala Cys Trp Thr Ile Ser Asn Ile Thr Ala Gly Asn Arg Ala	
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Gln Ile Gln Thr Val Ile Asp Ala Asn Ile Phe Pro Ala Leu Ile Ser	
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Val Glu Leu Gly Cys Ile Lys Pro Leu Cys Asp Leu Leu Thr Val Met	
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Asp Ser Lys Ile Val Gln Val Ala Leu Asn Gly Leu Glu Asn Ile Leu	
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<212> PRT

<213> Homo sapiens

<220>

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Gly	Val	Ile	Thr	Ser	Asp	Met	Ile	Glu	Met	Ile	Phe	Ser	Lys	Ser	Pro
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 Arg Leu Thr Met Thr Arg Asn Ala Val Trp Ala Leu Ser Asn Leu Cys
 225 230 235 240
 Arg Gly Lys Ser Pro Pro Pro Glu Phe Ala Lys Val Ser Pro Cys Leu
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 260 265 270
 Asp Ala Cys Trp Ala Leu Ser Tyr Leu Ser Asp Gly Pro Asn Asp Lys
 275 280 285
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 Leu Met His Asn Asp Tyr Lys Val Val Ser Pro Ala Leu Arg Ala Val
 305 310 315 320
 Gly Asn Ile Val Thr Gly Asp Asp Ile Gln Thr Gln Val Ile Leu Asn
 325 330 335
 Cys Ser Ala Leu Gln Ser Leu Leu His Leu Leu Ser Ser Pro Lys Glu
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 355 360 365
 Asn Arg Ala Gln Ile Gln Thr Val Ile Asp Ala Asn Ile Phe Pro Ala
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 385 390 395 400
 Ala Trp Ala Ile Thr Asn Ala Thr Ser Gly Gly Ser Ala Glu Gln Ile
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 Lys Tyr Leu Val Glu Leu Gly Cys Ile Lys Pro Leu Cys Asp Leu Leu
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<212> PRT

<213> Homo sapiens

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Ala	Gly	Val	Val	Pro	Arg	Leu	Val	Glu	Phe	Met	Arg	Glu	Asn	Gln	Pro	130	135	140	
Glu	Met	Leu	Gln	Leu	Glu	Ala	Ala	Trp	Ala	Leu	Thr	Asn	Ile	Ala	Ser	145	150	155	160
Gly	Thr	Ser	Ala	Gln	Thr	Lys	Val	Val	Val	Asp	Ala	Asp	Ala	Val	Pro	165	170	175	
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Gln	Ala	Leu	Pro	Thr	Leu	Ala	Lys	Leu	Ile	Tyr	Ser	Met	Asp	Thr	Glu	260	265	270	
Thr	Leu	Val	Asp	Ala	Cys	Trp	Ala	Ile	Ser	Tyr	Leu	Ser	Asp	Gly	Pro	275	280	285	
Gln	Glu	Ala	Ile	Gln	Ala	Val	Ile	Asp	Val	Arg	Ile	Pro	Lys	Arg	Leu	290	295	300	
Val	Glu	Leu	Leu	Ser	His	Glu	Ser	Thr	Leu	Val	Gln	Thr	Pro	Ala	Leu	305	310	315	320
Arg	Ala	Val	Gly	Asn	Ile	Val	Thr	G											